FLORIDA SKIP SALUTES
ED BLATT, W4RUR ST.
Pete - 15 Years of
Amateur Code Practice
(See Below)

FLORIDA SKIP

Vol. II No. 3 | The All-Florida Radio Amateur's Publication | AUGUST 1967 | Price 20¢

Announcement !

W4RUR-Ed Blatt, who has put code practice on the air twice a week for 15 years ending June 12, 1967, missing very few nights, has decided to discontinue his code lessons. Ed said he will still work the Novices as he likes to help them gain code speed, but will not have the regular Monday and Wednesday on-the-air code practice.

Ed can be justly proud of the results of his efforts, his dedication and consistency in putting the practice session on the air has helped untold numbers of prospective amateurs. He has many letters, some as far as Canada, thanking him for his help.

We'll miss Ed's code practice but in a way are glad he can now have more time (also Martha—his XYL) to enjoy his hobby as it took many hours of preparation each week to put the practice on the air. Good luck Ed, and let's hear you on the bands once again!

(From Spark-Gap, St. Pete)

Floridora's Birthday

The Floridora YLs, celebrating their 10th year, will sponsor a contest during Sept.—Oct. on all bands. Watch for details as to frequencies, etc. in next issue of SKIP.

Early F.D. Scores

Gainesville ARS -- 9632
North Miami ARC -- 3810
Broward ARC -- 4697
South Miami ARC -- 7722

We will carry a complete listing in next month's SKIP if received by August 10th.

ATTENTION: All Editors!

Col. Al Marcy, W4ID, newly elected President of the Amateur Radio News Service (ARNS) recently announced a new publications contest open to all amateur radio publications. There will be many different awards. There will be 2 main categories. 1.Advertising supported and 2.Non advertising supported. Awards will be given for the best in the following: Masthead, General Format, Editorials, Club Activity Coverage, Usage of other publication items, Variety of Club Member Contributions, Technical Articles; Illustrations and Sectional Coverage. (For sectional publicatins only).

You do not have to be an ARNS member to participate in this contest. Just send 2 or 3 of your best issues for 1967 to Col. A. R. Marcy W4ID, President, ARNS, 461 Third Ave., Sea Park, Eau Gallie, Fla. 32935 before Jan. 1st, 1968. They will be turned over to the three judges for final judging.

Believe it or not, but we have 100 amateur radio publications in the United States and Canada. How about getting in on this brand new contest? Let's improve our publications and push amateur radio public relations this coming year.

For further info on ARNS, write Shirley Rex, K8MZT, 2225 Mt. Vernon Ave., NW, Canton, Ohio 44709. ARNS membership is 68 strong and gaining every day.

POLK COUNTY Field Day. Left to right, back row: WB4DUN Bill; WA4ZWW Jim; WA4WZD Jack; standing: WA4LIW Jack; WA4WZC Gerald; WA4TYF Vaughn; WA4ZTY Charlie; K4EBO Lucky; KREBE Ed; front: K4AAI Art; WA4WZZ Ken.

(picture by Dave Dunson, Polk Co., C.D.)

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FLORIDA SKIP

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Deadline – 10th of month in Box 501, Miami Springs, Fla. 33166.

PERMISSION: Anything in Florida Skip may be reprinted in any other amateur radio publication in the world with a Credit Line please.

Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

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SCM-WEST FLORIDA. Frank M. Butler, Jr., W4RKH, 494 Elliot Rd. Ft. Walton Beach, Fla.

SEC-EASTERN SEC. Andy Clark, W4IYT. 41 Lenape Dr., Miami Springs 33166.

SEC-WESTERN SEC. G.D. McKechnie, W4IKB, 1000 N. 6th St., Chipley, Fla. 32428

Guest Editorial

You can tell that I am getting old because I seem to be doing more thinking back than ahead. It seems to be one of the signs of passing birthdays.

Anyway, I have been wondering about the situation that has caused a decline in interest in Amateur Radio. The FCC says there were 10,000 fewer on the books at the end of 1966. All departments are complaining of lack of interest in activities and club activity is dropping, as are most cooperative ventures that are usually well attended.

It has occurred to me that it just may be somewhat the fault of the old-timers. The OTs don't want to tolerate too much from the newcomers, especially the young ones. How many times have I heard it said that it was those young kids or wise guys that are ruining the club. However, I think that the club or activity might not have gone by the board if there had been some leadership from the older guys. Perhaps the older guys didn't pay any attention to the simple needs of the newer ones and they sought their own answers. When I received my first ticket, I was a shiney new ham with nothing more than the answers to the exam in my head. Very few older hams were interested in my problems of getting started. You were treated like a small dog at ham gatherings and generally did not feel welcomed anywhere. Unless your Dad or Uncle was a ham, and kept you under his wing, you were on your own.

Maybe it's that way today too, only now I'm one of those older guys. Perhaps the reason that the young fellows annoy us is that we really don't know any more about the subject than they do, but we won't admit it.

Perhaps the solution to some of this condition is that we offer a little to the younger generation even though we have to do some digging to get at it. Instead of criticizing the poor fellow for his mistakes, offer to help him find the right answer, or at least steer him closer to a source that can.

If our clubs are to remain in existance, we will need the young Hams as members. We must attract them with something they desire i.e. the opportunity to exchange information, to benefit from some of our experiences and to participate with us in our activities. And we can derive a lot from going through it with them. It will undoubtedly do a lot to improve our patience.

Let's make our WELCOME MAT one of our most envied possessions.

(W3TZW ED. THE OSCILLATOR, ETNA, PA.)

Letters To Editor

I am in receipt of the very attractive and, I assure you, much appreciated HAM SHACK GUEST LOG and a copy of the FLORIDA SKIP advising me that I was high scorer in New Jersey in the recent Florida QSO Party Contest.

I wish to convey my thanks, not only for the nice award but also for the opportunity you afforded me to participate in this contest and I might also add, your nice comments regarding my log entry as to its being the prettiest from out of State.

I have always felt that the checking of contest logs must be a tremendous job and it is not difficult to assume that logs must assume all sorts of forms, shapes and styles. For this reason I personally have always made an effort to submit mine in a form I felt might be of aid and assistance to the Contest Chairman and his committee. I do appreciate your kind remarks very much.

Thank you again for everything and I do hope to have the pleasure of joining all of you again next year.

S. J. Knox, WB2MRA
212 North Jerome Avenue
Margate City, N.J. 08402

Dear Editor:

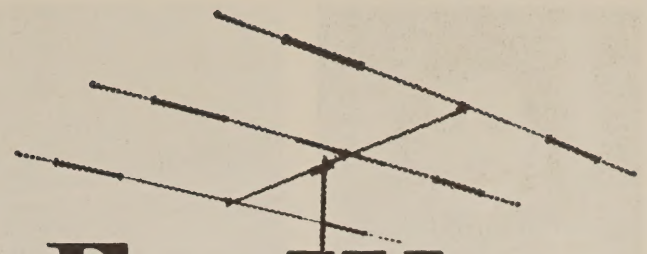
I received the May, June and July issues of Florida Skip and enjoyed all three very much.

I would like to comment on the awards listed on page 14 of the June issue. Award #63 Mobileers Cert. The president of the Mass. Mobileers is Evey W1MFM, Mt. Hope Street, Norwell, Mass. and the Awards Custodian is K1SKO. Any information on the awards put out by us can be had by sending a SASE to W1MFM, K1SKO or myself WA1EXA.

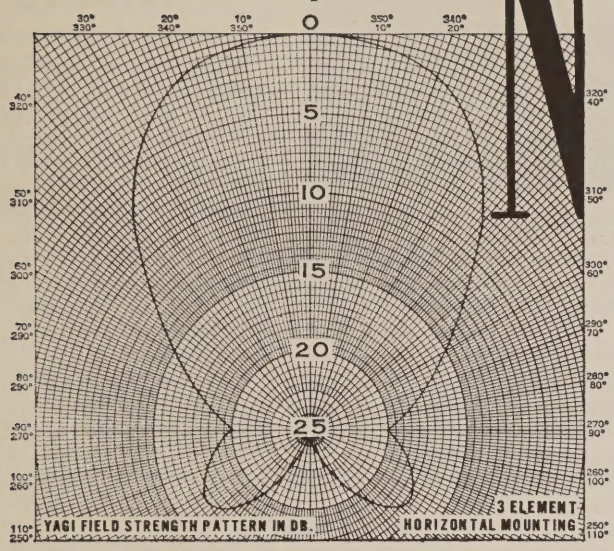
I think W4OHP, WA4BMC and K8-

(Continued on Page 11)

The Classic 33



Mosley TRAP MASTER



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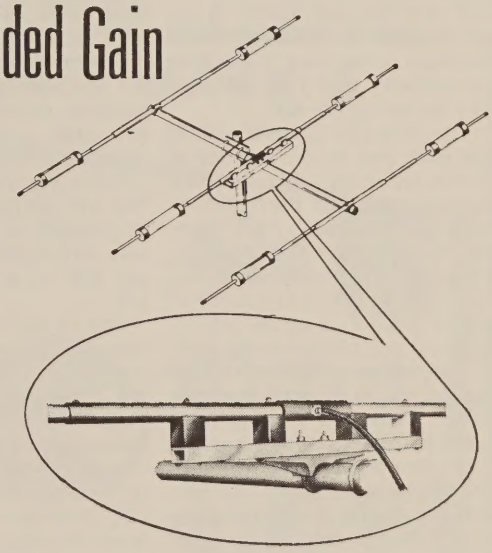

The Classic 33 You've been hearing about it – maybe you've worked Carl Mosley WØFQY– 'The Old Man Himself' using it. Now here it is . . . A Revolutionary New 3-element beam featuring an advanced Mosley-engineered matching system called 'Broad Band Capacitive Matching' with coax fed balanced element for more efficient beam performance and extra gain over comparative 3-element beams. A New Tri-Band beam rated for 1 KW AM/CW & 2 KW P.E.P. input to the final amplifier SSB on 10, 15, & 20 meters; with a full 8 db. gain on all three bands over reference dipole (10.1 db. compared to isotropic source); a maximum front-to-back . . . . . The CLASSIC 33 . . . This new rugged beam in the Mosley Trap-Master tradition of quality beams brings you all the exclusive features of high priced beams – added gain, improved boom to element and mast clamping; wider element spacing. Priced well within your budget. What more could you possibly want in a 3-element Tri-Band beam? . . . . . .

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NITA BIEN

Young Ladies' Radio League

In 1939 there appeared this statement in Clinton DeSoto's "Two Hundred Meters and Down" book: "Goodness knows—and you won't tell – how many of you YL Key-Twitchers there are." W7FWB, Ethel Smith who became first YLRL President (now known as K4LMB) wrote ARRL. It was her letter that inspired a lace-bordered ad to determine how many so-called key-twitchers there were and the ultimate formation of the YLRL. Twelve girls answered, among them myself, then W8-TAY of Cleveland, Ohio. (I am now W4JCR of Gainesville, Florida.) I had been licensed on my birthday that year and was very active on the air.

I became the League's first Publicist and held a number of offices for many years, working hand-in-hand with the first Secretary-Treasurer, Enid Carter, W9NBX (later Enid Aldwell, W5UXF). Per Louisa Sando, (see CQ-YL for which book I helped supply a great deal of material and pictures) she stated that we were the sparkplugs that set the YLRL wheels in motion. True, we started from scratch. Dues were only 25¢ a year. She and I, and later other officers donated paper, stamps, and money for the YLRL coffers. Being a writer and on the staff of Brush Development as a technical writer, I was asked by ARRL to write about the YL operators. Later I wrote for QST, CQ, RADIO, RADIO NEWS, and all the money received went into the YLRL treasury. QST additionally published articles to help publicize the newly formed YLRL, which grew rapidly

I formed the first YLRL chapter in Cleveland, Ohio, and one another charter member, who has been a YLRLer for a long time also, was Mary Bamberg, K4UBT now residing in Florida. The second chapter was formed in Chicago by Lenore Conn Jensen, now W6NAZ. Lenore was, and still is, a very active member.

One of our youngest members was the famous Jean Hudson, a prize Candler code operator. We have indeed encompassed girls from all walks of life, educational background, and ethnic origin. Among our Ph.-D.'s is another Floridian, W4-UF, Dorothy Saunders. Most of us Florida gals are members of Floridoras, organized 10 years ago. It was my pleasure to be their guest speaker at the inauguration and I was happy to note how the ranks had swelled when I visited the Orlando Hamfest recently, however I am going to say Adios! to Florida as I am leaving to return to Ohio – the Cleveland environs—naturally, since I have lost my husband, whom most of you knew as Curly, W4JCS, and very active on the traffic nets until just before his terminal illness. Hopefully, I shall again become active on the ham bands and contact many of my friends.

Roses are red
Violets are blue
Leaving Florida
So long to you.

Nita Bien, W4JCR

WOULD YOU believe it's a 2 meter rotary mobile beam? Well-you're right-it is! Granted, you don't see many. This was designed and built by George, WA4WBF of Winter Garden. It is fed with RG-58 and controlled from the driver's seat. By changing one bolt it becomes a horizontal beam. Neat, huh?

(photo via K4NTD)

PUT ZIP in your mail

Include ZIP CODE NUMBERS IN ALL ADDRESSES

ARMY MARS

By Joseph C. Patterson AD4TZI

The big news this month from Army MARS Florida District Two is the re-appointment of E. E. (Gene) Farthing, AA4KH-T, as the Net Director for another year. It is frequently said if you want a job well done, appoint a busy man to do it. In spite of his many other responsibilities Gene still finds time to do a bang-up directing job for Florida Two as his re-appointment testifies.

Former Assistant Director Mrs. E. R. (June) Woolson, A-D4ESL, is taking a temporary (we hope) well-earned vacation. In her stead Gene has appointed Morgan T. (Mac) McSheehy, A-4SEA. Mac will also serve as a MATN station operator, the other being Robert E. (Bob) Cain, A4BQW. Louis E. (Lou) Bergenroth, A4VPQ, is the new 2-meter Net Co-ordinator; Lewis F. (Lew) Salter, AD4SEO continues as Net Manager and Richard L. (Dick) Smith, A4D-RD continues as our affable Procedure Instructor.

A new assignment, Technical Instructor, will be handled by Russell G. (Russ) Wicker, A4-ZKI; Joseph C. (Joe) Patterson, AD4TZI will serve as Bulletin Editor and Barnett D. (Bun) Freedman, AA4EBG will look after the entertainment.

Lou, A4VPQ, 2-meter Net Co-Ordinator has promised shortly to have a second receiver in operation at the Fort Pierce Repeater. This will permit the simultaneous use of two antennas, both the all-directional antenna and the directional beam for possible better over-all reception. The Repeater is in full-time operation so that tests of your ability to trip the Repeater can be made at any time.

Under Florida's new twice-a-year auto inspection law it is said that the months for your inspection are determined by the last digit on your license plate. Could someone have forgotten about us radio amateurs with final letters instead of figures on our car licenses?

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Double Your Pleasure . . . Double Your Fun

by Ralph B. Shaw, Jr., WA4HIZ

When I was a Novice a fellow ham was instructing me on the proper ways to connect the energy in the air to my transmitter and receiver. One of his suggestions was to spend as much time and money on the transmission line system as on the radiating system.

My first real antenna was a 6 meter cubical quad made from bamboo and some wire I happened to have. Total investment including a 30 ft. mast, insulators, antenna, etc. was about $8, needless to say, I used some scrap coax of history unknown and as a result had a very poor signal. After spending many unproductive hours calling CQ and trying to work stations across town, I realized that something must be wrong. The main problem was that the aged coax was quite lousey and just did not work well --- new coax cured the problem.

There are many excuses why people don't put up good transmission line systems --- most reply that it costs too much!??

If I want to gain an actual 2-1/2 db in signal strength I could stack another antenna on my present one, could double the power of my transmitter, add more elements to my present antenna, or I could spend a little more money on my transmission line system. The transmission line must be low in loss, but equally as important— the connectors must not introduce excessive loss. It is quite possible to install a good transmission line with good connectors, and still botch things up by not matching impedances at the antenna and at the transmitter --- don't forget the T-R switch may also introduce losses if it is out of adjustment.

Low loss transmission line is not too hard to come by if you can keep your eyes and ears open. Mars - Army, Air Force, and Navy – have got a habit of repaying participating members with material which they may use for Mars operations -- If the equipment is also used in the ham bands – that nice.

Quite a few mobile radiotelephone and two-way communication companies remove and/or relocate antennas and twoers when clients move or change their requirements. It is a general practice to replace this expensive coax as a precautionary measure because service lost is money lost. Most of these stations operate in the VHF band and coax that is not quite up to par at 152 mhz works great on 15m or 20m.

If you should decide to examine your feed and antenna system for possible improvements it is a good idea to make sure that you are not connecting a coaxial cable (unbalanced) directly to an antenna which is balanced. If you do have such a mismatch then connect some means of phase correction into the system. While you are checking the antenna it is a good idea to prove that the impedance of the transmission line and the impedance of the antenna are the same --- An antenna's impedance can change drastically with a change in its position relative to trees, buildings, supporting structures, other antennas, and ground.

Remember

1 db -- use of lower loss cable
1 db -- use of better connectors
1 db -- better match of cable to antenna
3 db -- DOUBLE YOUR PLEASURE DOUBLE YOUR FUN!

(From the ATLANTA HAM)

Where there is no QRM,
All sigs loud and steady,
Noise is never present,
Contacts always ready.

Super power is yours
Merely for the nod
And anything will get out
Even a ground rod.

Man - that would be Utopia,
A real dream,
But it would be monotonous
All sugar and cream.

So – let's keep it as now,
This maelstrom of the air
We know what to expect—
Dog eat dog, for fair!

W4DVO, Tampa, Fla.

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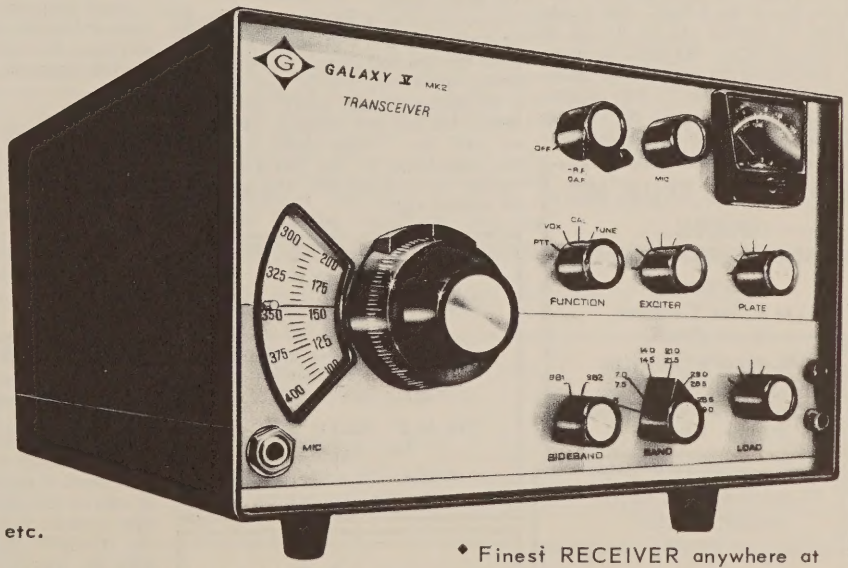

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CLUB NEWS

FT. MYERS

By Ken W4SMK

The W4LX/4 Field Day effort was a big success. With one CW and one SSB station we came up with a rough score of 7,800 points in the 150 watt class. The SSB boys made over 700 contacts and the CW gang over 500 in 23 hours. We lost one hour at the end due to a terrific thunderstorm in the area, but the antennas stayed up, which was a credit to Ed W4WYJ our antenna man.

We had no seriour antenna or generator problems during the contest, but did burn up on SSB transceiver and the CW gang wore out one keyer during the battle. Our local contest to get the stations on the air by noon did not work out, but we were nearly ready by that time anyhow. Guess we learn a little bit each year since the scores keep going up. Thanks to all who helped in any fashion to make the W4LX/4 FD a good show.

Earl K4FQU received some good publicity in the Ft. Myers paper about some phone patches he had been running for the relatives of a local man who was ill.

Mick W4LNE has his new quad installed on a pole of his own design with a track arrangement to lower the antenna and it works very fine. W4LNE may soon be signing /MM again if he gets another ship going to Viet Nam.

WA4HDH Doc is now on RTTY and says he is having a ball. Doc's only problem is getting rid of all the tfc he takes on tape. WA4DKD is home from school for the summer and keeping skeds with WA4CIG and others.

WA4LKY Lucky is still very active handling patches for maritime mobiles and other stations. He has a new mobile rig and will be going North soon for a trip.

Club meeting time is 7:30 PM the third Monday of each month at the City Yacht Basin office. It's air conditioned so don't stay away because of the weather.

WESTERN FLA.

By Frank M. Butler Jr. W4RKH

Pensacola: W4NOG is the new EC for Escambia County. W7BNR/4 was appointed OPS. He and WB4DHZ helped the Panama City group on Field Day. W4AXP is looking for a new receiver. The USS Lexington code and theor classes have resulted in a number of new hams for the area. The ship is equipped with an all-band SSB/CW ham station. The CG cutter Sebago also has its own station.

Fort Walton: W5BJG/4 is back at Eglin, and renewed ORS. DJ6RD/4 was a recent visitor in town.

Defuniak Springs: K4KHV moved here from Crestview and is putting up antennas. K4VWE joined the 2m FM gang. WA4PXR's shack was struck by lightning. Panama City: The PCARC , operating as W5MPK/4, made over 1000 QSO's in FD. Were there any other Section entries? The Section will miss WA4FIJ/FJF, who were transferred to Washington, D.C. WA4ZGI moved to Red Bay, in Walton County. WA4JIM will take over as EC for Bay County.

Chipley: The WFPN picnic was held at Falling Waters State Park, with a good turnout and lots of prizes. Madidson: WA4GHE, W4RCO and W4WMA formed a county AREC Net which meets 1st and 3rd Sundays, 1330 EDT on 3957 kc. Cross City: W5AYS/4 was appointed EC for Dixie County. He has a new Swan 500, with an SBE-34 mobile rig.

SUNCOAST ROVING REPORTER

By Cathy Soehl – W4BAV

WA4MHR-Burt and XYL-Dot flew to Portland, Maine for a two week vacation at their old homestead in East Millinocket, Maine. They had a good time, seeing old friends and relatives, in spite of all the rain.

WA4VEF-Mike, son of WA4GWW-Jim, had a harrowing experience in Georgia when a fellow in a Barracuda ran into his VW, demolishing both cars and injuring Mike's girl friend, though Mike was lucky enough to get off with a sprained ankle and a few bumps.

WA4GWW-Jim and XYL-Marjorie vacationed in the Black Rock Mts., No. Georgia, where he heard W4BAV Cathy loud and clear on 6-meters, but could not receive a reply -- it was a one-way skip at his 3000 ft. location. Needless to say, W4BAV is heart sick, as Georgia is needed for states worked.

W4UFR-Earl, XYL Shirley - W4WPD, W4GHR-Bill and XYL - Cathy W4BAV spent the day with K4VNA-Walt and XYL, Mims -W4IUR, in Daytona. They were happy to find Walt home and feeling much better after his recent operation.

Regret to report WA4JLL-Lloyd Ladell, of Pinellas Park, recently joined the Silent Keys. Our heartfelt sympathy to his wife Betty. He will be greatly missed on the air waves.

W4GHR-Bill and XYL Cathy W4BAV attended the PCARS picnic, near Seabastian Inlet, where they met K4GZ-Charlie and XYL-Mina May (as pre-arranged). After a nice day there, before going on to Miami to visit Bill's cousin. They returned home having spent a pleasant week, though lots of rain on the East Coast.

Don't forget the Melbourne Hamfest August 19-20th, Melbourne Civic Auditorium. Fun and prizes for all. Also Bartow Hamfest, September 10th. See y'all.

POLK COUNTY

By WA4WZZ

Field day was a success! We went into it as if it were an emergency. The only preparations that were made in advance was who was to do what. In about three hours antennas were constructed on the site and all was ready to go, the few problems we had were soon ironed out.

No high power was used, contacts were not so great although we were able to get through in most cases. The 2 meter rig was the only real problem we had and WN4FWZ Frank, repaired it in the midst of all that went on. It took most of the night to fix but finally it was on the air and Frank made his first contact as a Ham. Sunday morning WA4ZWW Jim working 6 meters with the band open, they were standing in line to make contact, the best he could do was 19 contacts in 20 min. It was good to see the younger ones doing a good job.

To make things complete even to rescuing a damsel in distress, her car was stuck, WB4DSM Francis radioed for help. Well you know what happened, yes she was not stuck for long.

Field Day was under the club call W4TJM, everyone enjoyed it and with Field Day behind us the next thing is the VHF Picnic. Hope to see all of you there!

SOUTH MIAMI

By Jerry Cameron, WA4WUD

The South Miami Radio Club had a very successful field day this year. We held it down at the Dade County Civil Defense Center. Many thanks to the personnel there. This year we decided to do something a little different. Always in the past we never ran more than two transmitters because it was always so hard to get enough operators. This year, however, we ran three stations. They consisted of a Drake TR-3, a Swan 350 and a Collins s-line. We decided that if we were to put the antennas way up in the air the rigs might even work a little better. So up they went. Two TA-33's and a four element 15 meter beam. One TA-33 went at 115 feet on a very large pole. The other two beams were up 60 feet. The power generator that we used was a very small one. It only ran 150 KW. Not quite enough power to run the gear you know.

Sunday after it was all over, the club came to a decisin that the total number of points that we made was quite a bit over the previous years. We made a total number of 1287 contacts. Most of them on the Swan 350 which stayed on 15 meters. The Drake TR-4 on 20 meters ssb. The total number of points was 7722.

All in all a very good time was had and many thanks go out to all of the fine people that helped and made this field day possible. We just hope that the one's in the future will be as good.

GAINESVILLE

By Bill Wells, K4RDP

Hey Mister, why are you beating yourself on your head? Because it feels so good when I quit, he replied. So it goes with Field Day. I'm sure Field Day means many things to many people. To the Gainesville Amateur Radio Society's members it certainly offers many interesting challenges. As an example Reinhold Sommer, WA4JMN has the privilege of taking care of the power requirements, ie. to keep the generators going no matter what, making adjustments, buying

(Next Page Please)

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gas several miles away and getting very little sleep.

Jack Spencer, WA4UFO once again proved a most valuable man to have around by keeping this hungry mob watered and fed around the clock and still finding time to operate. The Gainesville Shrine Club has wonderful kitchen facilities and they were taken advantage of. Jack cut short a trip to Panama in order to render his assistance during our annual Field Day Exercise.

Then our thanks to those fortunate technicians who brought tubes, tool boxes, etc. and who were called upon several times to make repairs or adjustments as needed.

And we must certainly be grateful to the many who pitched in several times to get all the many antennas up and working, and especially to those who could muster up the nerve and strength to stay and help take it all dow, clean up and return all the borrowed items. Then to trudge home to his family, a bath, supper and some most delicious sleep in order to go to work the next day with all the vim and vigor necessary as though the weekend had been most restful in order to face the many work-a-day tasks ahead.

This is Field Day. Our best year yet and I hope, enough to put us in contention for that coveted Florida Skip Trophy. If not, heaven only knows, we tried.

Jack Spencer, WA4UFO has agreed to become the new EC for Alachua County in the ARPSC program. Congrats, Jack.

VERO BEACH

By Connie Hamlin, WB4COM

Dennis Yantz, WA4YFY, will soon be leaving for Cornell University in Ithaca, New York. He won a 4 year scholarship to the university. Dennis was net control for the Vero Beach Amateur Radio Club Two Meter Net, a former secretary of the club, and one of the teachers of the Code and Theory Classes. The club will miss him and wish him the best of luck in school.

I didn't have an article for the June edition for several reasons. The most important one being the final exams in school. But now things are going better.

Graham Lowe, K4EL, has moved back to the North to spend the better part of the summer. He is now living in Bridgehampton, New York. L.J., WA4SCK and George Jones, WA4QVJ have been keeping regular skeds with him on 20 meters.

Six meters has not been open in this area very often. But I have managed to work 21 states this year. We have had some good openings any way. Some signals from such states as Ohio, Texas, Arkansas, and Tennessee have had signals up to 30 and 40 db over S9.

Not being on 2 meters I don't know what is happening on that band. Looking on the band once or twice this past month I didn't hear any signals. This was on nights that were usually crowded, and it looks as if everyone is on the 6 meter band or the d.c. bands.

I'll have to be saying 73's for now and will be looking for you on 2 or 6.

FLORIDORA NEWS

By Cathy Soehl – W4BAV

Floridoras be sure and look on page 13, July issue of Florida Skip for the very attractive ad set-up by W4IYT-Andy in appreciation of our contributions to Skip. Thanks Andy, for an eye-catching ad!

Many Floridoras were also Georgia Peaches and K4HSC-Meg was Treasurer at the time they became inactive. Recently, K4DNL-Olivia contacted some of the former members and decided the balance in the treasury should be given to other Clubs who had assisted in their organization, etc. The Floridoras wish to thank the Georgia Peaches for contribution to our treasury, though regret they have disbanded.

W4EHN-Betty and OM-Clem donated $200. to the CQ Club, St. Augustine School for the Blind, for radio equipment. A worthy cause.

W4JCR-Nita had a nice picture in July issue of Sla. Skip, as one of Florida's longest licensed YLs. Nita assisted in compiling the YLRL Constitution and By-Laws in 1939, her call then W8TAY, and was their 1st Publicity Chairman. She is also a charter member of Floridoras, having helped with our organization. We look forward to her article appearing in August iddue of SKIP.

W4UF-Dot is pretty good at mathematics; so after some figuring, decdied to take Life Membership in the ARRL. Dot has been asked to teach theory at the Camp in N.C. where can go several weeks in August, for concentrated course preparing for amateur radio license. Dot plans to run extra code class if needed. The Camp is an annual gathering, enrollment limited to 60, ages average 14 to 70 and from all parts of the U.S. There are other activities such as horse back riding, canoeing, etc.

W4QBY-Dorothea and OM-Arthur celebrating 50th wedding Anniversary in Hawaii in July.

ORLANDO RAMBLINGS

The greatest tragedy of all times finally befell the group from the Orlando Radio Club at their Field Day site. The tap for the beer barrel refused to work. None of the experts could make it deliver either. So after a long trip back to town, during which everyone's tongue was getting drier and drier the problem was solved and the suds flowed.

Case, W4NGR and Claudine, WA4-SII did their usual superb job with the vitties. The steaks were superb! Nobody went hungry - that's for sure. Got

Got the big 45 man tent up with no problem, but the usual story, when it came to returning it to the CD Van. Well to make a long story short, after struggling with it for awhile - during which it rained heavily - finally gave up and dumped it on the ground. Used a fork life next day to put it into the van, with a firm resolve - no more tent without more help to return it after the festivities are over. Your red bug bites all healed?

Hurricane Season is here again. Got new batteries for your portable? Emergency antennas? flashlights or other lighting equipment - food supplies for a few days - checked your generator lately - remember to draw water for drinking, check First Aid Supplies and medicines that might be needed. In short, plan ahead so you won't hit the panic button when one of the tropical disturbances with the girls name is announced as probably coming for a visit.

Bill, K4FXF, had a rather stormy convalescence after his operation, couldn't have visitors for awhile. Ev and I paid him a visit on the Fourth and we're glad to report that he is making good progress on the road to recovery.

B.A.R.C.

By Jim Wilson W4GDK

Our club owes a large debt of gratitude to Hank Navalany WA4FND. Most recently he was called upon to become Chairman of Field Day as a replacement. Needless to say he did a wonderful job. Another job he has been carrying is chairman of the Project Argus under which we build Tone Comparators for blind hams. He gets the parts and builds many of them all by himself. Up to now he has also done all of the mailing of our Club paper. You rank Q5 with all of us, Hank, and we do thank you.

He gave an unofficial Field Day report of 5030 points. He also says that through the efforts of Elliott Barta W4SCY of St. Cloud, Fla., and the Florida SSB Ass'n. a sponsor has been secured to finance six Tone Comparators for six new graduates of the St. Augustine School for the Blind. Don Layman K4QAY is going to install one of these in Ft. Lauderdale and one in Miami. The other four will be sent upstate.

Th sponsors, Mr. and Mrs. Clement Coleman of St. Cloud, should be complimented on their generousity for providing Comparators for the shacks of these six hams. Mrs. Coleman is W4EHN.

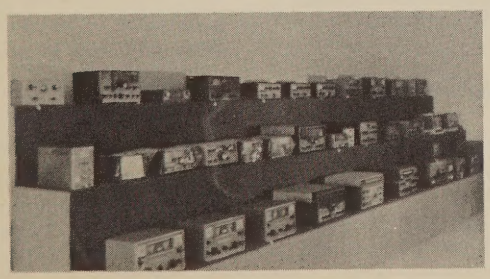
At our July meeting we are to hear a talk by club member Zane McCreary WA4KXI from Sunny South Aircraft Service. He is going to discuss and demonstrate aircraft communica-

(Continued on Page 13)

August Specials at . . .

THE NEW HAM SHACK

at Tel-Appliance in Sarasota



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Dear Gladys-

Clyde moved his rig into the new shack and my goodness, what a week that was! It's funny that when I'm house-cleaning he's no place around, but when he's doing something big around here, all of a sudden we have togetherness. Bless his heart.

Anyway, Clyde had planned to move his gear into the shack on Monday morning, so over the weekend we put up the curtains and brought in his desk and a few chairs. It looked very refined. I decided to call it "Clyde's study," or "the radio room" so everybody would know it was expensive.

Well, on Monday morning we started moving the rig. We'd stagger in with something heavy and set it down, and that was never the right place for it. So we'd try it someplace else. When we got it in a likely looking spot, we'd haul in another piece of gear and go through the same miserable process. But putting the second piece of equipment in the best place meant that we'd have to move the first piece again. And neither one was right when we brought in the third hunk of gear, unless he wanted to rewire the room.

So we'd start again and Clyde would say, "Now if we put that here, then this will go over there and then, no, that won't work. If we put this here, and this here, this could go on top, but it would get too hot up there. Wait a minute, if we put . . . no, never mind." I didn't answer him because I knew he was talking to himself and besides I was too busy breathing. Then he'd throw his hands up in the air and we'd go out and lunch in with another monstrosity.

By Monday night he had things where he wanted them, so Tuesday he began stringing wires and extension cords all over. Whoever called it wireless" was a real comedian, wasn't he? All Clyde needed was a few leaves and it would have looked like a jungle. (If SKIP needs a technical article on lash-ups, here is your boy. It's a genuine experience to watch him change antennae).

Mabel, by Wednesday I knew deep in my heart what we had was no study or radio room. It was a shack for sure. He had brought in his raggedy books and the magazines that shed pages, the swivel chair with the loose casters and lumpy cushion, a fruit jar filled with resistors, four cigar boxes of miscellaneous small parts, a headset that should be scrubbed and boiled, and several cardboard cartons full of logs, broken speakers , bent variable capacitors, torn diagrams, and so forth. The maps, QSL cards and a mess of certificates were on the wall with the two clocks. On the front of the desk he had the beam direction indicator, the bug, the log, his lamp, a scratch pad, his call book, and a jelly glass full of old pencils. Then there were those wires drooping around full of splices, sockets, connectors, knots, kinks, and lumps.

I'm not complaining. I wish it looked that good now. Then it was clean. Now it has a lived-in look. He has added apple cores, empty glasses, pencil stubs, cigarette butts, dirty cups, waste paper, and beer cans.

This is a home improvement?

Love, Mabel

DOWN MEMORY LANE

(Continued from June Issue)

By Leo R. Scagliozzi, W4VLN

The Government was in the call book business and stations were listed with their transmitter power.

It wasn't the FCC but the Dept. of Commerce who did the issuing; and a man who later became President headed the department -- Herbert Hoover.

Call letter prefixes were U and later NU before the change to W.

And you are an OLD, old-timer if you can remember when--

The Marconi antenna used consisted of 4 or 6 wires strung parallel and resembling modern day clothes line.

An oscillation transformer consisted of copper ribbon spiral wound and adjusted for proper output.

Ten cent pieces were soldered on the ends of spark gap and a larger spark resulted in more DX.

You ground you're own crystals; wound your own transformers.

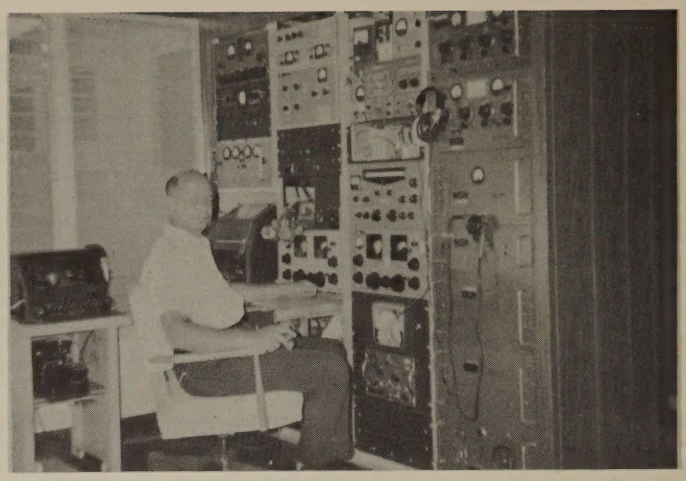
The DeForest audion tube mounted on a box with four posts for the filament, plate and grid leads and selling for about 50 bucks.

After calling it a night at the key you gently took the audion tube out of socket and wrapped it in cotton for safe keeping.

Hot wire ammeters were the hottest thing in ham radio.

Five word code speed was essential for a ticket (before tech ticket).

And do you recall the loose couplers and the galena and the crash of the roaring spark as the eerie white light permeated the room. It must have been a sight to behold as these OLD, old timers flashed their signals across the short space that separated them. Man, that must have been an era.



NO, THIS IS NOT a commercial radio station. It is the shack of Carroll Carman W4ZCZ/AF4ZCZ of Opa Locka, Fla. He has the capabilities of RTTY on all AF MARS and amateur freqs. Carroll is presently net manager of FL2ML7 6 meter MARS net in the Miami area.

(photo by WA4JTK)

Amateur Service Recognized

Recently, the State of Florida passed a bill to permit the issuance of state vehicle licenses bearing the owners' call letters to any amateurs who apply. This bill was sponsored by State Senator Lloyd F. Boyle, W4IMJ, of Sanford, Florida.

The new law, which became effective July 1st, 1949, provides that any licensed amateur in the State of Florida may obtain license plates bearing his call letters, by the payment of the regular vehicle license fee, plus an additional fee of one dollar.

Provision is being made to register the holders of these special licenses with sheriffs, police, highway patrol, Red Cross, and National Guard. The use of the distinctive license plate will enable the emergency services to locate amateurs quickly in times of emergency or disaster.

The act takes official recognition of the many services rendered by amateurs in furnishing communications in times of emergency.

From Aug. 1949 Radio & TV News

Chocolate Or Vanilla

With all the nets and cliques we find on the various bands I believe our viewpoints on amatuer radio are becoming a bit out of focus.

If you listen to some of the selected SSB groups you get the impression that all others are stupid lids. If you listen to the traffic nets you begin to feel that if the traffic does not get handled the world will come to an end. If you listen to some of the individual dribble on either SSB, AM, or CW you commence to wonder why you still bother associating yourself with amateur radio.

Let's not get so wound up in our own particular preference that we fail to realize that it takes all of them to make amateur radio.

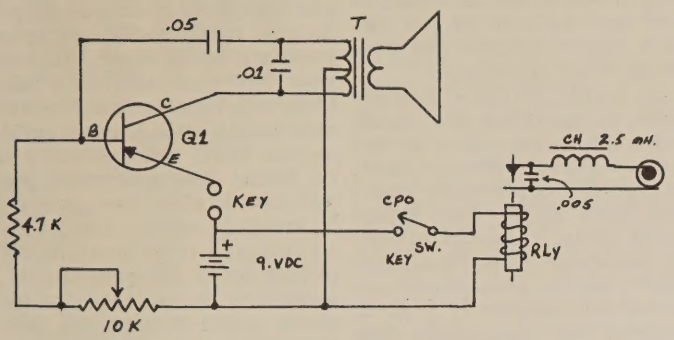
Remember, you might have a preference for chocolate ice-cream but that does not justify condemning all other flavors simply because you do not like them.

ONYX

A.S.A.P. – PLEASE
Send In Your
Field Day Scores

A Simple Mono-Keyer

By E. R. Spencer K4FQU*



Few Amateurs today can send good CW without the aid of an audio monitor. Many do not use a keyer for one reason or another, but have struggled with dozens of different types of monitors. Here is one that is simple to build, requires no practice to learn, will key all types of transmitters including grid block, reproduces your fist to perfection and costs but a couple of bucks to build.

The circuit is a simple audio oscillator in a common base configuration using a feedback circuit. The keyer itself is a simple relay and may be shut off to use as a CPO, good for Novices and boy scout troops, etc. Any general purpose PNP audio transistor may be used and NPN can be used by reversing battery polarity. All parts except the relay and the choke came from a junked transistor radio. The choke and by-pass condenser at the relay terminals are a must to eliminate chirp. Keep them close coupled to the terminals.

The key is the battery switch and the CPO-KEY switch turns the keyer on and off. The 10K pot is a tone control and may be varied further by altering the resistance used. The speaker is a 1-1/2" from a two transistor radio. It all fits nicely inside a small black plastic utility case available from Lafayette for .75¢.

The relay may be any small single contact type which will operate from the battery voltage. Remember the less current it requires the longer the battery will last.

*1413 Davis Drive
Fort Myers, Fla. 33901

Platinum Coast

The PCARS held an all day outing for hams and families, Sunday, June 11th, at Long Point Park, 1-1/2 miles North of Seabastian Inlet on Highway A1A.

WA4NEA-Carl & XYL-Clara are to be commended on getting the picnic publicized on such short notice, so that 22 hams and families attended; some from Lantania, Lake Worth, Port Salerno; Melbourne, Rockledge, Cocoa and Sarasota. The greatest interest, other than swimming and eating, was created by WA4NEA's flying the "Baby Bat" kite, with a trick release gadget, to which they tied various articles that ascended to the kite and released on contact, allowing the object to drift away on a tiny parachute for parts unknown. This was both unique and interesting to adults, as well as children, and really has merit for working a publicity stunt.

There was much discussion of the coming PCARS 2nd annual hamfest to be held August 19th and 20th. Details appeared in June issue of Florida Skip. There will be lots of activities for the XYLs as indicated by conversation with Clara, who is Chairman of that part.

W4 BAV

DEAR MABEL:

Dear Mabel:

I was very pleased to receive your XYL award. I did not know ther were such things, but I'm proud of mine. It will occupy a prominent place along with the awards my OM has received for vareity of activities.

I thank you sincerely for the award.

Sincerely,
Mary Hamilton
Live Oak, Fla.

POOPED AFTER their Field Day, President Frank Piverotto WA4TBN and Al Suhr WB4AID, SKIP Correspondent pose by their loaned Southern Bell generator. Have YOU sent in your FD scores yet?

(photo via WB4AID)

Amateur Radio Awards

Basically there are only two kinds of amateur radio achievement awards. One is earned by the use of skill, determination and much effort. The other is a publicity document. Its chief purpose is to publicize a state, city, event or club. The Nebraska Cent. and Michigan Week are examples of the latter. DXCC, WAX, WAZ and WAVE are examples of awards which require some effort.

This was true a few short years ago, now we have the third catagory, it's the $ certificate. Shortly the Independent County Hunters will communicate with every U.S. award custodian asking them to place their awards in either of the first two catagories. The wish is not to stop award hunting, but to reinstate its value as an amateur activity, and to remove from this phase of amateur fun the ones who seek only profit.

The cost of an amateur radio cert. including postage and mailing is less than 20¢. 2000 Goes blanks printed for the average club award cost $45.00–$65.00. You can see the award itself costs less than 4¢. The Ind. County Hunters will publicize on their nets 14336 and 3937 all those who lower their awards costs.

Award hunting should be available to all amateurs regardless of how many dollars they have to spend. We are requesting the 3 major ham publications to assist us with our endeavor, hopefully they will list all awards that reduce or eliminate their charges. Will you write them? Expressing your concern and asking them to assist us.

The Ind. County Hunters will try to issue a list of all awards whose charges are near the actual cost. Send me information on any reduction in your award fees. Hopefully the true achievement and publicity award will put an end to the profit making no achievement certificate. 73 Otts Beyer, K8-CIR, Rt. 1, Grand Haven, Mich. 49417.

A Big Thanks

A big thanks goes again this year to Ed Rowley, WA4 DYS of station WWPB for pushing Florida Amateur Radio Week in Dade County, June 18 thru 25th. Ed confirms the following announcement was carried during the week over Miami stations: WINZ, WGBS, WKAT, WQAM, WFUN, WOCN, Channel 7 and 10 TV. It was also carried on Ft. Lauderdale stations WFTL and WGMA. WIOD proclaimed June 21 as "Amateur Radio Day."

The announcement reads as follows:

"Govenor Kirk has proclaimed the week of June 18-25 Fla. Amateur Radio Week. WWPB salutes the many amateur radio operators who freely give their knowledge, equipment and experience during any emergency. We wish the amateurs success during the testing of emergency equipment from remote locations in the field this Saturday and Sunday."

How did you do in you area?

Editor

2nd annual

CAPE KENNEDY HAMFEST

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ENJOY THE 2-DAY HAMFEST AUGUST 19-20, 1967

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TO THE MUSIC OF THE VISCOUNTS
9 'til 1 AM $1.00 per person
PRIZES – MUSIC – SET-UPS

AUGUST 19, 1967 – DOORS OPEN 9-6
AUGUST 20, 1967 – DOORS OPEN 9-4

P.C.A.R.S. P.O. BOX 1004, MELBOURNE, FLA.

Advice For August Brides

By Gladys and Mabel

1. Try to arrange your wedding preparations so that you will have an hour or two free each day to practice the following facial expressions:

(a) HAPPY SMILE—This consists of spreading the mouth from ear to ear over clenched teeth. Useful when he says, "Say, you'll never guess what I saw down at the Ham Supply Store today." Above remark is generally made three days before pay day when all you have in the refrigerator is a jar of pickles, two eggs, and a ham bone. And what he has in the trunk of the car, you very well know, is what he saw at the Ham Supply Store that day. Remember, he is yours for better or worse, so smile. (Note: Be sure to clench the teeth. You may bite him, otherwise.)

(b) BRIGHT INTEREST—Open the eyes wide and raise the brows slightly. When you see him start to read the Handbook or "QST" it might be a good idea to run in the bedroom and practice this look. Then when he says, "Well, how about that! Listen, this guy says here...," you'll be ready. If you can't understand what he's talking about, don't worry. Look interested and love him. That's what we all do. If you want to give a finished performance, you can try adding little remarks, such as "Really?" or "Imagine that!" but you run the risk of encouraging him so much that he will read you the entire article. Bright Interest also is absolutely necessary when visiting other ham shacks or when hearing descriptions of what Freddy did on forty meters the other night.

(c) THE LOOK – You won't need to practice this one, honey. All females have an instinct for it. It paralyzes upon close contact and melts soldered connections at ten paces. Since it is powerful, save it for your most bitter moments, such as when you find he has set up a schedule smack in the middle of your anniversary party or when he brings home 7 club members while you're giving yourself a home permanent.

2. When you have mastered the above expressions these daily hours can be devoted to exercises with bar bells. An XYL needs well-developed muscles. Your OM is going to be trading equipment, buying new equipment, mounting equipment in racks, and occasionally rearranging his shack. All ham gear is bulky and extremely delicate with handles (if any) on his side and all of the heaviest parts on your side. Not only will you be lifting this equipment, you will have to stand there and hold it, steady it, and the raise it one-sixteenth of an inch until the proper screw holes are aligned, meanwhile trying to ignore the sharp edges cutting into your forearm.

3. When you are holding wires for him to solder, wait for the solder to harden before you let go. Otherwise the honeymoon can end right there. (You don't think he'll want to work on the rig during your honeymoon? How well do you know this man?)

4. Pertaining to the above, learn to endure second degree burns with small cries while holding absolutely motionless. Those wires frequently conduct a large amount of heat. Any experienced wife can be identified by the burn marks on her thumbs and index fingers. The best solution to this is to hint for two pairs of long nose pliers for a wedding gift. The can be engraved "His" and "Hers".

Seems like that ought to be enough to get you well started. Girls don't be alarmed too much by this advise. We want to warn you but not discourage you. Hams are all nice men. They make good, steady, husbands and they wouldn't trade you for any other women on this earth. For a Collins KWM-1 maybe, but not for another woman.

THAT B-I-G signal you hear coming out of Jacksonville Bch. belongs to this station WA4NEV. Bill is very active on our traffic and emergency nets and can be found weekly on the Florida SSB Assn. Sundays at 5 p.m. on 3940 kHz. (photo by W4YPX)

NET NEWS

QFN REPORT

By Bob Blumberg WA4OHO

QFN is very happy to welcome back our Eastern Florida Route Manager W4ILE, Reg from a long company assigned project up north. We are also glad to have WA4SCK, IJ, back with us. While these two gentlemen were gone during June, WA4NBT Winky, became the man of the hour, venturing to 4RN at least 11 times, while K4LAN made the RN5 haul at least 13. This is good, but it is much better to distribute the load and reps for the regional nets are deary needed.

QFN statistics for June show a total QTC of 212 and a total time in session of 9Ø2 minutes for a rate of Ø.24 messages per minute. Let's try to build this rate up a little. This month's top QNI honors go to WA4BGW and K4LAN, 40 times each. Top NCS was W4ATA, ELEVEN TIMES. There was no early session on June 25 – I guess Field Day was too much for everyone as it was for me!

We need someone to volunteer for NCS on either Friday or Sunday night. WA4BGW has switched from Sundays to replace W4LUV on Wednesday nights. Please ARL 7 me.

The hurricane season is here. If a big one comes, let's all be ready to show everyone which net is the best. Everyone is invited to check into QFN on 3651 kc at 223Ø and Ø2ØØ Z daily.

FMTN

By W4AKB

WB4ADN, Richard, in Jacksonville is back home after surgery. He will be flat on his back for five weeks. He has a receiver and has checked in on the Net via fone patch through W4YPX, Ron.

Welcome to Harry, WA4GTB/4 at Homestead Air Force Base and Stan K4BLM at Miami. Stan plans to check-in on Thursdays, Fridays and Saturdays.

Jim Wilson, W4GDK, Fort Lauderdale is a new NCS for the FMTN. We are most pleased to have Jim as NCS as he has a very strong signal and is a very capable operator. We could use a couple more stations as there is always someone on vacation or absent for one reason or another. Just tell Clyde, W4SDR, our Net Manager and he will give you an opportunity.

FMTN meets every day except Sunday at 12 noon EDST or 1600z. We welcome all modes, AM, CW, SSB to check-in. Any station desiring to be placed on the roll may request the NCS to do so and you will be called each day. Stations not checking in over a period of weeks will be dropped from the roll call but will be reinstated if and when they resume.

During the month of June there were 26 sessions with 424 stations participating who handled 260 messages. Average QNI was 16.2; average QTC was 10.

73, Charlie

TROPICAL PHONE

KEN W4SMK

The TPTN members changed the net meeting time back to 2200 GMT (6 PM EDST) so look for us then on 3945 Kc. Monday through Saturday. W4SMK was elected net manager and took over the reigns in July. Win WA-4COR has been net manager for the past year and did a fine job. Win will continue on as net control Fridays, and he has built a fancy new console for his Collins station.

Two new net control stations on Tropical are Jay WB4DSP who takes over the Monday spot and Jim WA4-TWD who is helping out on Saturdays. Our thanks to Larry W4BJD who used to be Monday NCS, but who had to quit due to a change in his work schedule. Also thanks to Fred W4TUB our former Saturday NCS who has been off the air due to his work. Fred was ill with a flue bug last month but is getting along OK now he says.

The net roll call is down to about half of the usual Winter check-in average and traffic is off a like amount. Band conditions are not so bad at 6 PM as they were at 5 PM, but thunderstorms are still with us some days. See W4MVB's column Traffic Hounds for the monthly net totals. We appreciate the faithful check in records of many of our members under these conditions. Since we lost W4BJD we need a regular station from the Cocoa area to meet the net, and also would like a regular Ft. Lauderdale member.

W4SCY is headed back to Maine for the cool climate and we wish him all the best till we see Bart back on the net next Fall. WA4SCK is back in action again doing his usual fine job. Understand Walt K4VNA has been in the hospital for surgery and trust he will be back with us soon. Thanks again to the net members for electing this writer net manager. With your continued help and fine cooperation we will keep the TPTN near the top. If you have suggestions for the net or this column let us know.

LETTERS TO EDITOR

(Continued from Page 2)

CIR did a real fine job and thanks to Florida Skip for running the list. For free awards don't forget to include 5130 Club W1FY and the Mule Skinners K1QFD and the Rag Chewers Club.

73
WA1EZA Bill
Member Six Meter Mobileers #112
Member CHC #2035A
Member NAHC #161

Mr. Paul Brake (W4DQO) the owner of WWPB and myself, appreciate the proclamation made by Governor Kirk regarding Ham Radio and we feel that our facility should also express our thanks for the excellent services rendered by Radio Amateurs.

Consequently, the sixty second commercial as shown on the Continuity copy enclosed herewith, will be broadcast many times during the week of June 18th through June 25th.

As FM Stereo #1 in Miami WWPB now reaches over 200,000 listeners so our coverage will be valuable to the cause.

May we also take this opportunity to thank you personally for the fine work you have done and are doing to further the cause of Ham Radio.

Thanks again for calling our attention to Florida Radio Amateur Week, and ..... 73.

Ed Rowley (WA4DYS)
Sales Manager

(EDITOR'S NOTE: See Amateur Radio Week announcement article elsewhere.)

Project Argus

Broward Amateur Radio Club was very proud to take over as a Club project the construction of Tone Comparators for blind hams. This wonderful activity had previously been carried on by Don Layman, K4QAY of Hollywood who found he could not continue alone.

These Tone Comparators, greatly refined by Don Layman from the original design, when properly hooked up to a transmitter, enable a blind ham to tune his transmitter by comparing a variable tone with a calibrated reference tone.

These units are being made available to any of Florida's sightless hams and we welcome inquiries from sightless hams elsewhere. For the latter we have instructional material which would permit their friends to make units for them.

Address your inquiry to B.-A.R.C., P.O. Box 8673, Fort Lauderdale, Florida.

FLORIDA ARPSC NETS

ARRL League Official/Appointee net, 3950 Thurs. 8 PM Florida Amateur Sideband Traffic, 3940 Sun.-Fri. 6 PM Florida Amateur Teletype Traffic, 3704, Daily 7 PM Florida Midday Traffic Net, 7230 Mon.-Sat. Noon, Florida Phone Traffic Net, 3945, Mon-Sat 7AM Florida SSB Emergency Net, 3940, Wed. 7:30 PM GATOR Net 3651, Daily 8:30 AM.

QFN All Florida c.w. Net, 3651, Daily 630 and 10 PM South Atlantic Traffic (Fla. to NY) 3950 Mon.-Sat. 1030 PM Tropical Phone Traffic Net 3945, Mon-Sat 5 PM West Florida Phone Net 3947, Daily, 6 PM. (All times in EDST) (Keep this list near log.)

TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month.

1.	WA4BMC	BPL	453	11.	W4BVE	116
2.	WA4NEV	BPL	383	12.	WB4BPL	BPL 114
3.	WB4AIW		374	13.	W4YPX	112
4.	WA4RQR		301	14.	W4SDR	104
5.	K4VFY		250	15.	WA4HDH	98
6.	WA4FGH		173	16.	K4COO	88
7.	W4FPC		166	17.	WA4YII	88
8.	W4FP		139	18.	K4QCG	76
9.	WB4DSP		131	19.	WA4SCK	75
10.	WA4NBT		131	20.	W4MVB	70

TRAFFIC HOUNDS

By Jesse H. Morris, W4MVB

NET	QNI	QTC	SESSIONS	AVG QTC
FAST	719	198	26	7.6
GN	189	103	30	3.4
WFPN				
FPTN	471	205	26	8.0
FMTN	424	260	26	10.0
TPTN	361	165	26	6.3
QFN	485	212	59	3.6
FATT	120	21	30	0.7
SATN	210	276	25	11.0

By Jim Wilson NØWCK
-W4GDK

We are very glad to say that as of July 10 South Florida Navmars again has a frequency which they can use every day of the week at the same hour so the can count on it. The frequency is 4015 KC Upper Side Band at 2200Z or 6 PM D.S.T. Any Florida N.M. station is welcome. This also remains as the 6th District Night emergency frequency. Having been on odd frequencies temporarily for the past month the uncertainty hurt attendance. Now, participation should again be large.

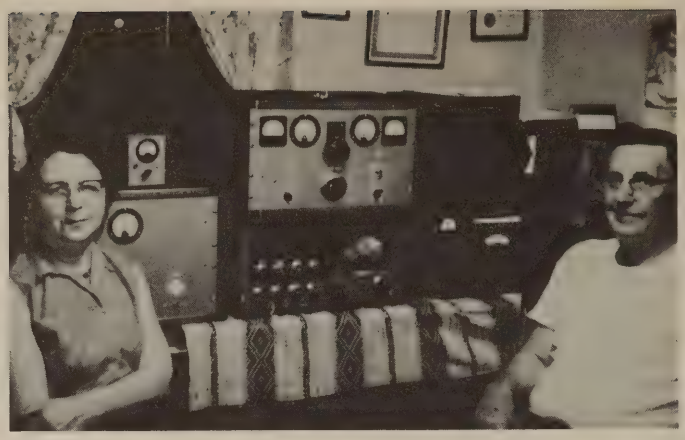
During the recent visit of Sixth N.M. District Director Earl Crawford to Florida plans were laid for at least one Repeater-Relay Station in this general area for 2 meter FM use. The frequencies will be in the 148-150 M.C. range. It is felt certain the stations will be in operation by the end of the year.

Jim Cummings of St. Pete, So. Fla. Coordinator reports 80 members active on various nets with a steady flow of new members.

In the N.E. Fla. Area, Coordinator Georgia Denman of Orlando reports that in the new frequency assignments their area will make greatest use of 4008.5 KC U.S.B. from 6 to 7 PM local time seven days a week. On that frequency phone will be used on Monday, Wed. and Friday. On Tuesday, Thursday and Sundays the mode will be C.W. on Saturdays either mode can be used.

She reports that NØHFZ has just returned to the Gainesville area from the Canal Zone. Also a welcome is extended to NØIGZ, NØIQM, Jax and NØITE, Orlando, as new members.

We are all very proud of the progress of Navy MARS in Florida. If you would like information about it please contact W4-GDK who will gladly furnish it.



MAN AND WIFE TEAM share the same rig at K4LPV (Irene) and K4LPS (Conk) Conklins QTH at Leesburg. LPV was ex WØNXW and LPS was 9NCS, W9EFI and WØEFI. They both are presently active on most bands.

KNIGHTS OF KILOCYCLES

You can hear this call on 3910 kc any Sunday morning at 0700 hours in the summer or at 0730 hours in the winter. You could have heard this call last Sunday, or Sunday last year, or 10, 20 or more years ago!

Believed to be the oldest phone net in existence THE KNIGHTS OF THE KILOCYCLES was founded on Christmas morning in 1929 by three Florida hams who met each Sunday morning. Pat—W4WS was the first Master Oscillator and on the following morning welcomed seven new members.

Since then the net has continued to grow and prosper until in 1940 it held it's 500th meeting. On May 6 this year it held it's meeting number 1671 (post war number 1101). This group has never failed to hold a meeting in almost 40 years except when operation was banned by FCC.

Listen in on this net on Sunday morning. Call in after Roll Call. You'll find they are glad to have you. Call in on 10 consecutive Sundays and become a member of this very unique organization. No dues, no politics, no axe to grind. Do yourself a favor and join this group of, by and for friendly radio amateurs.

(W4WME in SPARC-GAP)

I don't like SSB, it sounds like a lot of duck quacking and it just does not have the audio quality of AM. You hear it often.

Admitting that it may be entirely true isn't it odd that once a guy makes the change over to SSB it is not very often that he goes back to the old method.

I wonder why?

Allen Hynek (top USAF UFO investigator) has requested a computer analysis of flying saucer reports plus serious early-warning-network tracking of UFO's. The one-time scoffer says that most reports can be ruled out since they are caused by known objects but there have been more than 100 reliable reports which can't be ruled out without additional evidence. Verified tracking of UFO's by reliable groups has indicated amazing trajectory changes at 4000-mph speeds. The original position that all UFO reports are made by cranks or natural phenomena have been ruled out by credible reports. Whether they are earth-made or of extraterrestial origin, the studies should prove interesting.

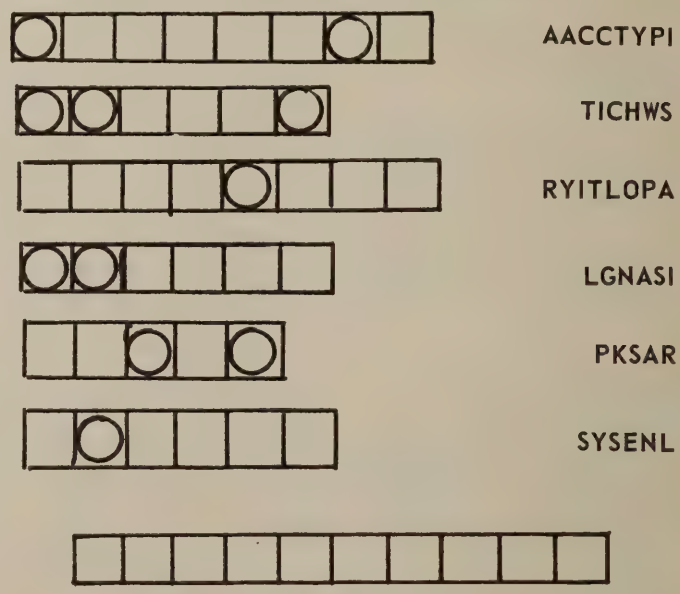
'SKIP'-eroo's

THE BRAIN DEPARTMENT

Unscramble each line of letters and insert them in order in the boxes to the left of them. Each line forms a common word, mostly electronic, which must be in the proper order to give the correct solution. Then unscramble the letters within the circled boxes and place in the box or boxes at the bottom to find the answer to this months puzzle. Correct solution in next months "Skip".

This months "SKIP"-eroo submitted by Dave Hayden, W4-WHK

NO. 4 – "A FEDLINE ANTENNA"



SOLUTION TO NO. 3

S T A N D I N G

W A V E S

Have you got a puzzle or a SKIP-eroo? If so, submit complete with solution to K4FQU, 1413 Davis Dr., Ft. Myers, Fla. 33901

CLUB NEWS

(Continued from Page 7)

tions, navigation and instrument landing systems. It should be very interesting.

Broward Amateur Radio Club meets the second Wednesday of each month at the Broward County Medical Bldg. 2200 So. Andrews Ave., Ft. Lauderdale at 8 PM. All hams or "prospects" are welcome with special emphasis on Broward County hams. We are organized for you and hope you will join us.

WEST PALM BEACH

By John A. Benjamin, Jr.

The regular business meeting of the month was held on July 3rd at 0000 GMT.

The most important business on this months agenda was elections of officers for the coming '67-'68 year. The results were as follows: James R. Hughes, W4EXO, was elected President. "Twisty" (H.D.) Ljongquist, W4DWK, was elected Vice-President. Stephen D. Bacchi, WA4RUE, was reinstated as Secretary-Treasurer. John A. Benjamin was re-instated as Publicity Chairman. Last but not least, Ted Caldwell, K4IFQ, was reinstated as Station Trustee and Chief Engineer for W4HAW.

Following elections, the new officers took over their new posts. Then the new President announced some of his intentions during his term in office. James Hughes said, "Our biggest goal for the coming term is to drive for a much larger Club membership. We'll contact as many as possible in Palm Beach County personally to try to get them interested!"

Field Day was highly successful for the Club. We operated the full twenty-four hour period and used emergency generators during the entire period.

Jim Hughes was Field Day chairman and he put our success like this. "The Club has not been very active for Field Day activities in years past. Most of the members are young and inexperienced for the annual activity. Considering this I think the Club did fairly well."

He said that now since the younger members have had two years of experience next year will be quite different.

Well, I guess that will do it from here this month. I hope we can work you on the air. Listen for W4HAW calling CQ! 73 from us.

GULFSTREAM SOCIETY

By Al Suhr, WB4AID

In the first place – we were rained out and the demonstration of ham radio did not take place as planned. We had to cancel one hour before show time. This will be staged at a later date.

BUT FIELD DAY WAS A BALL! The members of the Gulfstream Society of Amateur Radio Operators, WB4FPB, really went to town for their first Field Day. Contacts are still being counted and the log sheets for ARRL are now being processed. It looks like we have about 500 contacts to examine for the 18 hours of operation. The call of WB4FPB left its scar on the country – it was heard and answered many times. The six stations were powered by a genera-

(Continued on Page 16)

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FELLOW AMATEUR: Here are several firms that have an interest in YOUR business! They have seen fit to support the FLORIDA SKIP by giving us a little revenue each month in return for your support. If you have a need for the services listed, you can't possibly do better than to deal with a fellow amateur, now can you?

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CERTIFICATE HUNTERS

Compiled by W4OHP John Bowman
Assisted by WA4BMC and K8CIR

PART IV

136. West Park VHF - W8WUO
137. West Park Mobile - W8WUO
138. West Park Novice - W8Wuo
139. West Park YL - W8WUO Above 6 Awards by the West Park Radio PS
140. Johnny Appleseed Award by Coshocton County ARA - 1329 S. 14th St., Coshocton, Ohio.
141. Parma RC #1 - W8KGA
142. Parma RC #2 - K8NUF
143. Parma RC #3 - K8NUF
144. South East Five – W8CTZ
145. WSE - 10/6 – W8CTZ
146. WSE - 20 – W8CTZ
147. WCC-250 – W8CTZ
148. WCC-50N – W8CTZ above 5 awards are by South East Rc, Cleveland, Ohio
149. Babcock & Wilcox ARC – W8EUL
150. Worked All Ohio Counties by Ohio council AR Clubs, 353 S. Arlington Ave., Springfield, Ohio.
151. Knucklehead Award by Tusco RC – W8NCF
152. Greater Cleveland VHF Award by Greater Cleveland VHF Club – K8JHZ
153. Sylvania on 6 by the Sylvania 6 ARC – W8WTD
154. Junk Hunters Certificate by Junk Hunters Club – W8IJW
155. Marion Hi Banders Cert. by same Club – K8ZES
156. OH-KY-IN VFH Society – WA4AAJ
157. GCARA by Greater Cincinnati ARA – W8SMQ
158. Football Hall of Fame by Canton ARC – K8MZT
159. OVARA by Ohio Valley ARA – W8JIN
160. Worked Toledo Award by Toledo RC – W8UPH
161. Cleveland Police Award by Cleveland Police & Fire ARC – 1431 W. 112th Street, Cleveland 2, Ohio.
162. Cleveland 50 MC. Trophy by Cleveland 50 MC DX Club – WA8EHI
163. Sunday Noon Naggers Award by same club – K8QLT
164. Ragchewers Award by Buckeye Ragchewers Club – K8QLT
165. CHIX-ON-SIX Award by CHIX-ON-SIX YL net – 159 Thistlewood Dr., Mentor, Ohio
166. Mansfield VHF RC – K8DKO
167. Nomads #1 – K8VIL
168. Nomads #2 – K8VIL
169. Nomads #3 – K8VIL
Above 3 by Nomads arc
170. Night Owls Club Award by same club – RD #4, Batdorf Rd. Wooster, Ohio
171. Coffee Dunkers by Coffee Dunkers of Detroit – W3MPZ
172. Tin Lizzy Award by Ford AR League – K8UTT
173. WMCRC by Motor City RC – K8DPM
174. EDRAN by East Detroit AR Net – 15164 Deerfield, East Detroit, Mich. 48021
175. Muskegon County Award by Muskegon AREA AR Council – K8CBL
176. Old Goats Cert. by Old Goats Society – W8BMN
177. Jackson county VHF by same club – No address, no call

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Cigar Band Contest

On the Island of Magooba, raising tobacco is quite an industry. Most of Magooba's tobacco goes into cigars, which are known the world over for their aroma. All over this tropical island are cigar factories – and each cigar factory is known by the paper band which is placed around their cigars. However, seeing a cigar band did not in itself indicate that the cigar had come from Magooba; for tobacco was exported in leaf to countries all over the world, where it was blended with local tobacco (and other weeds) in factories, each of which had its own distinctive cigar band.

Now, there were many collectors of Magooban cigar bands; but none so avid as the CBCC (Cigar Band Collectors Club), for membership in which one had to gather a minimum of 100 genuine Magooban cigar bands. This was not easy; for there were only 75 licensed (and thereby official) cigar factories in all of Magooba. The avid CB types did not let this bother them; they found it great fun to buy or rent a cigar-making outfit, enlist the services of a cigar-roller, and take off in a boat to some island or reef where no one was present to interfere. They quickly set up the cigar-making machine, opened up the bale of Magooban tobacco which they had brought along, and commenced rolling cigars. Before the first cigars came off the line, one of the CB gang had the small printing press in operation, and cigar bands for the new brand of Magooban cigars were being printed even before the first cigar was finished. There really was no point in producing very many cigars on such a small islet, anyway; after all, no one lived there! But it was a "country" in the sense that it wasn't being actively governed by anyone, so there was nothing to prevent cigar band collectors from printing a cigar factory license, making it a licensed manufacturer of Magooban Tobacco Cigars. In some cases, it was possible to avoid the necessity of printing the cigar factory license, because the country holding sovereignty over the island, or reef, would grant a license for a small fee, called "baksheesh."

The real problem arose in connection with the acquisition of cigar bands from these rare cigar factories. Some collectors said it wasn't fair to count the cigar band unless you had actually smoked the cigar. Others said it counted if you had seen someone else smoke the cigar; and still others said it was necessary that you had at least sniffed the smoke from the cigar before you could count the cigar band as part of your collection, and get credit toward a CBCC Certificate, or the "Tin-plated Plume" which was the mark of distinction among CBCC members. To make matters worse, some of the Club members who had contributed to the cost of the portable cigar factory and the little printing press had received cigar bands through the mail from these "rare cigar factories" even though they had neither smoked one of the cigars, nor seen one smoked, nor even sniffed the cigar smoke! A controversy arose among the cigar band collectors, which shook the hobby considerably, since the collectors who were interested in the cigar bands from the rare cigar factories were extremely vocal, and made a noise among the overall group of collectors far out of proportion to their numbers or importance. In fact, anyone viewing the controversy from aside would soon conclude that the hobby had nothing to do with Magooba or its fine tobacco, but only with setting up artificial countries and synthetic cigar factories.

Alas, the controversy persists! Instead of enjoying the cigars, and simply collecting the cigar bands as an incidental diversion, the cigar band collectors now devote their time to acrimonious debate over what is a "real" cigar factory. Meetings are held at which the island expeditionaries are patted on the back, and their hands held by the faithful collectors, who feel it would shame them if one of their precious cigar bands was branded a hoax. A campaign is projected to elect new Directors of the NCSL (National Cigar Smokers League) if the recognition of the artificial cigar factories is revoked, and a slogan has been adopted: "Tail-enders, unite; the time has come for the tail to wag the dog." A few calm voices are being heard on Magooba, and any of our readers who may happen to live there are urged to keep their cool, and concentrate on a better cigar, rather than a different cigar band.

(DETROIT DARA – GEORGE, W8MGQ)

HAMBAR

HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateur, at a donation rate of 25¢ or more for ten (10) lines and 5¢ a word thereafter. There are approximately seven words to a line. Space permits only one ad per month please.

Non-subscribers rate is $1.00 for ten lines and 5¢ each additional word.

To Commercial Business: Classified, undisplayed – 50¢ per line: Illustrative or General Display with border – $3.50 min., $80/page; Initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns–40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P. O. Box 501, Miami Springs, Fla. 33166.

WILL TRADE Poly-Com 6, complete for mobile operation, like new for Poly Com 2, Gonset IV 2 meter or Clagg 22'er or will sell $175.00 complete. H.W. Frazier W4BUJ, Rte. 6, Box 1543, Brooksville, Fla. 33512.

FOR SALE: 75A4 latest modifications and tubes, two filters. $350.00. WANTED 4CX1000 tube and socket. Wayne W. Cooper, K4ZZV, 9302 N.W. 2nd Pl., Miami Shores, Fla. 33150. Phone 757-1718.

Bright eyes indicate curiosity, black eyes indicate too much curiosity.

WANTED: Johnson Matchbox, rotator, 3-element tri-band beam. Will buy or trade Vesto 44' self-supporting tower with extras. Dr. J. R. Gaskins W4-ZYO, Box 3177, Seminole, Fla. Phone 391-6202 days or 391-3611 nights.

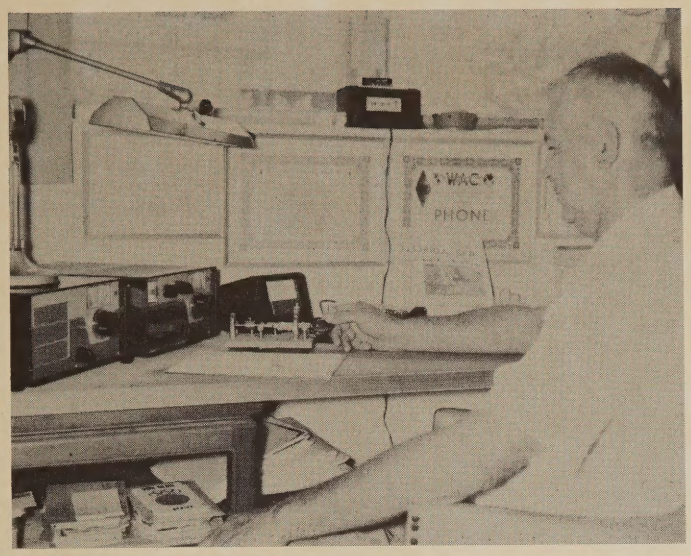
FOR SALE: Millen transmatch Junior, adjustable RF antenna matching unit/SWR indicator, 300 watt capacity, new, never used. Cost $70.00, sell for $35.00 cash. Al Lawrence, K4UBD, 3301 NE 5th Ave., Miami, Fla. 33137, Tel 371-6784 after 6 PM or 377-1641 days.

FOR SALE: Heath HW-32A, 20 meter transceiver with HP-23 power supply including dipole and coax $150.00; National NC-300 receiver in mint condition $125.00. Don Smith W4C-QQ, 5666 Flagstaff Rd., Jacksonville, Fla. Phone 733-4549.

FOR SALE OR TRADE: Valiant Xmtr, 12' spkr, two DB-22 preselectors; KW homebrew in 7-foot Bud cabinet complete with pr 250 TH's, power supplies 3000 V @ 1 ampere, 813 modulator and coax cable; portable TV; 1000 ft. 2-wire #18 neoprene and fabric tres qire; 3" scope supreme, also lots of odds and ends. Hamming since 1921. W. B. Bell, W4BB, 224 79th Ave., St. Petersburg, Fla.

"AUGUST SPECIAL" See page 5. Microwave Equipment Company.

COMPLETE SSB station for sale: HT-32, HT-41, Drake 2-B, D-104 Mosley TA-33 Jr., 40 foot galvanized up-right tower, Ham-M rotor above equipment excellent condition. From estate of late W1OG phone 305-395-8646 or contact C. D. Ritchie W4BUG, 4224 – 4th Ave., N.W., Boca Raton, Fla. 33432



HERE IS THE old DX'er himself, Herb Spitz WA4UOE of West Hollywood. Herb can be on 20 and 15 burning up the new DX stations.

FOR SALE: RANGER II. $225.00. National NC-270, 80 thru 6 meter receiver $100.00 Clegg 22'er with mike $200.00. WANT 2 and or 6 meter FM equipment. Prefer 2 or 4 channel model. James Kelley, K4YBB, 942 NW 116th St., Miami, Fla. 33168. No calls please.

WANTED: Schematic and xtal formulas for DuMont 5814-(A)-1 FM 2-way. SWAP RCA BA-25-A AGC PGM amp for SP-600 or GPR-90. Dick Hogsbro W4SKC, 6235 Bear Lake Ter., Orlando, Fla. 32810.

It can get quite boring when new parents talk on and on about their baby. Your only hope is that they'll have to get up and change the subject.

BROWARD Amateur Radio Club, Inc. W4AB meets 2nd Wednesday of month at Broward County Medical Bldg., 2200 S. Andrews Ave., Ft. Lauderdale, Fla. at 8 PM. August meeting features a Dutch dinner followed by a field trip. See BARC Bulletin for Details. (Paid Adv.)

WANTED: KWS-1 advise price and serial number. M. Duncan, K4BHC 2343 Ephraim Ave., Ft. Myers, Fla. 33901 Phone (813) WE 6-2555.

SACRIFICE: Brand new SB-101, SB-600 and HP23. Rohn 30 foot tiltover tower, Hornet TB-500 and AR-22. 80-4-trap dipole, SWR bridge, mike coax switch and coax. Will ship FOB for $550.00 or will accept offers on individual items. Herb Markovitz WB4C-AA, 270 Bimini Drive, Merritt Island, Fla. 32952 Phone 305-636-5742.

WANTED: Field Day scores from Florida clubs. Need following: Number of transmitters, number of contacts, final claimed score. Would like to have complete listing for next issue. Thanks. Editor SKIP.

SUPPORT OUR ADVERTISERS

FOR SALE: HQ-110C, perfect with hang "AGC2 and speaker if you want. WANTED HQ-170 in perfect condition, bug suitable for keyer operation, SWR bridge, HV supply and rotator. Advise best price. Bob Ward WB4CIB, P.O. Box 12231, Ft. Lauderdale, Fla. 33314

FOR SALE: Gonset Communicator IV, 6 meters, in perfect shape, but tired of battling channel two in this area. With few 6 meter xtals. $188.00. Will ship or take it to you. Reid Martin W4VDY, Rte. 1, Box 134-B, Tavares, Fla. 32778.

FOR SALE: Tecraft "Criterion" converter for 114 mc. Tecraft TR-20 144 mc with PTR-2 power supply. Only 1 month old. Perfect condition. Package $100.00. Drake 2-A with 2A-Q speaker and Q multiplier, just been factory reconditioned. Perfect $150. Jones Micromatch complete $20.00. Harry E. Cudney Jr., WA4KNA, 1541 NE 11th St., Homestead, Fla. 33030. Phone 248-1712.

FOR SALE: 24-hour Mastercrafters clock $8.00. Mastercrafter 12 hour clock with 10 minute warning buzzer for station ID's. $7.00. Session timer movement and case to handle 30 amps. can set-up equipment and timer turns it on. Has 2 110 v.ac. outlets. $6.50. 0-150 v.a.c. monitor line meter with neon visual monitor. Meter can be cut off by built in switch. $5.25. Heath condenser checker with manual $8.00. RME 80 thru 10 preselector, complete with manual $18. 500 to 500 or 8 ohm line amp. commercial built $6.00. "Silver Model 900" VTVM, needs work $5.00. Large ON THE AIR sign. $4.50. All FOB. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166. Phone 888-3874.

MILITARY AFFILIATE RADIO SYSTEM
MARS
U.S. AIR FORCE

AFB4JTK/AFC4BND

AFB4DEV has added more stations to his FL2L6 VHF net plus more are expected soon. He has more stations getting on the 6 meter RATT net and it seems that he will have the largest VHF net in the Florida area. With his help we may some day have a coast to coast 6 meter net. At present contact has been made between Miami and Winter Haven; Miami and Auberndale and I believe as far as Orlando. It will be the best thing that can happen to the South Fla. area. It will allow traffic to be handled on just about a local level. We are looking forward to it.

Let us talk up this column amongst our Mars members. Let those who do not receive this, read it.

Copies of this column have been sent all State directors and most net managers in area 2. Please let AFC4BND or AF-B4JTK or any official know what you think of this column. We want criticism good or bad. Also send some information from your area.

There are many handicapped people in AF Mars and one who should be congratulated is AFA-4VVT, Kinnard M. Satterfield of Easley, S.C. With his many handicaps, being allowed to get out of bed only for short periods of time. He handles much traffic and assists others. It goes to show what a good "ham" can do even if he didn't get a fair shake like the rest of us.

N.C. AF MARS had a Marsfest in Charlotte N.C., on 30 April with more than 50 members attending. With that attendance it is expected to increase interest in Mars as a result.

We have an active 2 meter net in the South Fla. area that covers from Jupiter to Homestead. They get the traffic to the hard to get places and the members try real hard in the handling of same. The Homestead AFB 2 meter net has lately become more active with the state net and we wish to thank and welcome them. They are planning a dinner sometime later this summer which will include the other nets in the area 6 and 2 meters.

THIS HANDSOME GROUP attended the West Florida Phone Net Picnic at Chipley, Florida on June 11th. Bottom row, left to right: W4IKB's girl Kathy, WA4IMC, W7BNR/4, K4OHR, WB-4DHZ, WB4DFM, W6IKB's girl Taffy. 2nd row: WA4FIJ, WA4-FJF, WA4EVU, K4VFY, K4VWE, WA4EAO, WA4ZIM. Back row: WA4BYI, unknown, unknown, WA4SIB, WA4ZFK, Rita K4UVE's XYL, K4UNT, K4VWE's girl, WA4JRT, WA4ZGI, and SCM W/ Fla. W4RKH.

(photo by W4IKB, Chipley)

Moseying Thru Mosley

by G. Jacobs WA4PDM/WA5RAN

Ever wonder where those pretty, colorful cartons which packaged your nice shiny, new antenna systems came from? Was it a basement production or a regular plant? This author had the fortune of spending some time in St. Louis, Mo., and decided to call Mosley Electronic Corp. and see where my new MP-33 Beam would be coming from. Jack Mosley (K-ØTFL) answered the call very graciously and invited me over to speak to their chief engineer "Barney" St. Vrain (WØ PXE).

The tour was a dream come true. Imagine touring a plant which included everything from diecasting and milling machinery to plastic moulding equipment that had started out as a family basement business in 1946. What wouldn't you give for all of that polished tubing and trap coil forming equipment.

After the tour "Barney" was quizzed about their two new beams. The Classic 33 is the "hot" item. It has the same coverage as the established TA-33 beam, but with new matching systems and structural strengths. The matching system is explained thoroughly in their "Ads", but of interest to hams in high wind areas (I believe Fla. qualifies) is the heavier all-around duty boom and elements. There is some confusion on this beam due to errata in the Mosley catalogue #H 174. Max. length is 27', assembled weight 42 lbs. and shipping weight 47 lbs.

Another new item is in KIT form. The Model X-15 was inspired by a QST article on how to build a 15 meter beam (cutting down on length will produce a 10 meter beam). This is a kit without drilled holes – just parts. If you manage to get into an area where your favorite ham manufacturer is located, give him a call, you will be surprised how friendly he is; if not in the area READ SKIP!

(See Mosley Classic 33 ad elsewhere).

FROM THERE AND HERE

To give credit where credit is due, the Radio Emergency Associated Citizen's Teams (REACT) did a good job handling emergency communications in Chicago following recent snowstorms. Hallicrafters sponsors this CB group which has 1185 teams and 30,060 members in 48 states. The 12 teams and 380 members in the Chicago stormbelt area did a good job. REACT uses Channel 9.

FCC Has Jobs Open

The FCC has several positions open for Electronic Engeneers and for Electronic Technicians. These vacancies are located at various of the offices and monitoring stations, and in Washington, D.C.

Electronic Engineers who are interested in employment with the FCC may submit a Standard Form 57 (application) to the Personnel Officer, Federal Communications Commission, Washington, D.C., 20554. This form may be obtained from any Post Office or from the FCC.

Electronic Technicians who are interested in employment by the FCC may contact the Fort Lauderdale Monitoring Station, P.O. Box 22836, Ft. Lauderdale, Fla., 33315 for instructions for applying. Applicants must have Morse code ability, and some technical or communications' experience.

CLUB NEWS

(Continued from Page 13)

tor loaned to us by Southern Bell of West Palm Beach. This machine proved to be the real workhorse, because, of all the operators, this one required no sleep, nor rest. James Johnson, W4JBZ deserves a great big hand for his many arrangements for this project. Original plans called for location in John Prince Memorial Park, but unsettled weather conditions and the prospect of insects caused a move to the home of Stan Scalise, W4-WZZ, whose parents, Mr. and Mrs. Michael E. Scalise offered the use of their large garage as a base of operations. At this location two towers were erected, one for a 40 meter beam and the other from a TA-33 Sr., diploles were strung up and, with the existing antenna system of W4WZZ of a Tri-bander, phased verticals and a six meter halo, the place looked like the antenna farm at the Cape. Operators included Al Suhr, WB4AID; Frank Piverotto, WA4TBN; Stan Scalise, W4WZZ; James Johnson, W4JBZ; Floyd Jones, WA4IXS; Mel Wrobbel, K4EBZ. The technical staff was completed with Bob Roderigue, WB4AIF as the chief antenna placer and pole and tower climber, and Dick Kidder, WB4AKH helped keep the rigs on the line. Students in the radio theory class conducted by the Society were loggers and food getters, for this service we thank Larry Nurmi and F. B. Landy.

We learned that we can improvise – now to settle back, regain composure and sanity to become almost normal again.

Those interested in getting information about AF Mars should contact their State Mars directors. In the South Fla. area contact AFB4JTK, NA 4-3018; AFC4BND, 759-9847, Miami.

Simple Effective VHF-UHF Frequency Standard

By Dick Frederick, K4UGC

Have you ever tried to use your grid-dipper or signal generator on the frequencies above 50 mHz, and tried to determine whether or not your "standard" is giving you a true frequency reading? Here is a simple trick to check that grid dipper and make sure it is in FUNDAMENTAL oscillation (and not a harmonic) at any desired frequency.

An effective standard can be fabricated from a length of 300 ohm TV twin lead. Cut the twin lead to exactly one half wavelength using your favorite formula, or 5905 divided by frequency in mHz will give you half-wave in inches. Leave both ends open-circuited.

Make a low-capacity switch as follows: Solder two brass rings to the line as close to exact center as possible, one to each conductor. Make the rings a little over 1/8 inch inside diameter, and use a wooden toothpick to help line them up. Tie a length of nylon cord to a 3/4 inch long, 1/8 inch diameter cotter pin (brass) or simulate a pin by bending a brass wire in half. This results in a low-capacity switch which is closed when the pin is inserted between the two rings, and is opened by pulling the pin out with the cord, keeping hand capacity away from the switch.

The standard can be constructed for any frequency, limited only by physical size, and fastened to a piece of fibreboard or a workbench.

To use: insert the pin and dip the grid-dipper to the proposed frequency. The dipper sees two quarter wave sections back to back and should dip at the cut frequency. Now pull the pin. IF THE DIPPER IS ON THE FUNDAMENTAL, it will now see a single half-wave section, and the needle shouldn't move. If it is on a harmonic, the needle will move.

The accuracy of the frequency depends on the accuracy to which the twin lead was cut, and also the temperature has a slight effect on the length of the resonator. But all in all, a relatively accurate and stable standard is achieved at low cost, and one which checks for fundamental or harmonic radiation as well.